

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Previously Presented) An apparatus comprising:

a housing comprising a display for presenting information, the housing having a housing bottom surface;

a keyboard assembly ~~connected through a sliding connection~~ slidably deployable relative to the housing, the keyboard assembly comprising a first keyboard and a second keyboard, wherein the first keyboard and the second keyboard are slidably deployable relative to one another, wherein the first keyboard comprises a first key arrangement on a first keyboard top surface opposite a first keyboard bottom surface, wherein the second keyboard comprises a second key arrangement on a second keyboard top surface, wherein the second key arrangement is different from the first key arrangement, the keyboard assembly deployable relative to the housing in a first direction and a second direction, wherein deployment in the first direction presents [[a]] the first key arrangement and deployment in the second direction presents [[a]] the second key arrangement ~~different from the first key arrangement;~~

~~an overlap area defined between the display and the keyboard assembly, wherein the overlap area is common to deployment in both the first direction and the second direction; and~~

~~electrical connections between the display and the first key arrangement and between the display and the second key arrangement, wherein the electrical connections are disposed in the overlap area~~

a first connector slidably connecting the housing and the first keyboard, wherein the first connector comprises a first track slidably interconnected with a first carrier, wherein a first one of the first track or the first carrier is disposed on the housing bottom surface, wherein a second one of the first track or the first carrier is disposed on the first keyboard top surface; and

a second connector slidably connecting the first keyboard and the second keyboard, wherein the second connector comprises a second track slidably interconnected with a second carrier, wherein a first one of the second track or the second carrier is disposed on the first keyboard bottom surface, wherein a second one of the second track or the second carrier is disposed on the second keyboard top surface.

2. (Canceled)
3. (Previously Presented) The apparatus of claim 1, wherein the first keyboard deployment direction presents a QWERTY key arrangement and the second keyboard deployment direction presents a phone style key arrangement.
4. (Previously Presented) The apparatus of claim 1, wherein the device is operable as a PDA and a phone.
5. (Previously Presented) The apparatus of claim 1, wherein the device is operable in a wireless environment.
6. (Canceled)
7. (Previously Presented) The apparatus of claim 1, wherein the display is a touch sensitive screen.
8. (Previously Presented) A method for presenting information on a display of a device, the device having a keyboard assembly deployable relative to the display through a sliding connection, the keyboard assembly deployable in multiple directions, the method comprising:
  - detecting a direction in which the keyboard assembly is deployed, wherein the respective direction corresponds to one of a first operational mode or a second operational mode;
  - ~~orienting information presented on the display with reference to the direction of deployment of the keyboard assembly, thereby defining an operating one of the first operational mode and the second operational mode;~~
  - ~~receiving a communication corresponding to a non-operating one of the first operational mode and the second operational mode;~~
  - ~~generating a prompt to switch from the operating one to the non-operating one of the first operational mode and the second operational mode in response to the received communication;~~

~~detecting a change in the direction in which the keyboard assembly is deployed corresponding to the switch from the operating one to the non operating one of the first operational mode and the second operational mode; and~~

~~changing the orientation of the information presented on the display with reference to the change in the direction in which the keyboard assembly is deployed~~

wherein the first operational mode corresponds to deployment from the device of a first key arrangement comprising numerical keys, wherein the second operational mode corresponds to deployment from the device of a second key arrangement comprising alphabetic keys rotated 90 degrees from the numerical keys for viewing; and

presenting information on the display rotated for viewing 90 degrees from the numerical keys, wherein the presenting is based on a command of an operating application using the numerical keys during deployment of the first key arrangement.

9. (Currently Amended) The method of claim 8, further comprising:

re-orienting information presented on the display with reference to user input.

10. - 12. (Canceled)

13. (Currently Amended) An apparatus for presenting information on a display of a device, the device having a keyboard assembly deployable relative to the display through a sliding connection, the keyboard assembly deployable in multiple directions, comprising:

means for detecting a direction in which the keyboard assembly is deployed, wherein the respective direction corresponds to one of a first operational mode or a second operational mode;

~~means for orienting information presented on the display with reference to the direction of deployment of the keyboard assembly, thereby defining an operating one of the first operational mode and the second operational mode;~~

~~means for receiving a communication corresponding to a non operating one of the first operational mode and the second operational mode;~~

~~means for generating a prompt to switch from the operating one to the non operating one of the first operational mode and the second operational mode in response to the received communication;~~

~~means for detecting a change in the direction in which the keyboard assembly is deployed corresponding to the switch from the operating one to the non-operating one of the first operational mode and the second operational mode; and~~

~~means for changing the orientation of the information presented on the display with reference to the change in the direction in which the keyboard assembly is deployed~~

~~wherein the first operational mode corresponds to deployment from the device of a first key arrangement comprising numerical keys, wherein the second operational mode corresponds to deployment from the device of a second key arrangement comprising alphabetic keys rotated 90 degrees from the numerical keys for viewing; and~~

~~means for presenting information on the display rotated for viewing 90 degrees from the numerical keys, wherein the presenting is based on a command of an operating application using the numerical keys during deployment of the first key arrangement.~~

14. (Currently Amended) At least one processor for presenting information on a display of a device, the device having a keyboard assembly deployable relative to the display through a sliding connection, the keyboard assembly deployable in multiple directions, comprising:

~~means for detecting a direction in which the keyboard assembly is deployed, wherein the respective direction corresponds to one of a first operational mode or a second operational mode;~~

~~means for orienting information presented on the display with reference to the direction of deployment of the keyboard assembly, thereby defining an operating one of the first operational mode and the second operational mode;~~

~~means for receiving a communication corresponding to a non-operating one of the first operational mode and the second operational mode;~~

~~means for generating a prompt to switch from the operating one to the non-operating one of the first operational mode and the second operational mode in response to the received communication;~~

~~means for detecting a change in the direction in which the keyboard assembly is deployed corresponding to the switch from the operating one to the non-operating one of the first operational mode and the second operational mode; and~~

~~means for changing the orientation of the information presented on the display with reference to the change in the direction in which the keyboard assembly is deployed~~

wherein the first operational mode corresponds to deployment from the device of a first key arrangement comprising numerical keys, wherein the second operational mode corresponds to deployment from the device of a second key arrangement comprising alphabetic keys rotated 90 degrees from the numerical keys for viewing; and

means for presenting information on the display rotated for viewing 90 degrees from the numerical keys, wherein the presenting is based on a command of an operating application using the numerical keys during deployment of the first key arrangement.

15. - 25. (Canceled)

26. (Currently Amended) The apparatus of claim 1, further comprising a first Hall effect sensor positioned in the housing adjacent to the display, a magnet positioned in the keyboard assembly adjacent to the first key arrangement, and a second Hall effect sensor positioned in the keyboard assembly adjacent to the second key arrangement, wherein the first Hall effect sensor and the second Hall effect sensor are operable to respectively determine deployment of the keyboard assembly in the first direction and the second direction based on sliding movement relative to the magnet.

27. (Canceled)

28. (Previously Presented) The method of claim 8, wherein the device further comprises a first Hall effect sensor positioned in the display, a magnet positioned in the keyboard assembly adjacent to a first key arrangement corresponding to the first operational mode, and a second Hall effect sensor positioned in the keyboard assembly adjacent to a second key arrangement corresponding to the second operational mode, wherein each of the detecting of the direction in which the keyboard assembly is deployed and the detecting of the change in the direction in which the keyboard assembly is deployed further comprises determining relative sliding movement of the magnet with respect to one of the first Hall effect sensor or the second Hall effect sensor.

29. (Canceled)

30. (Canceled)

31. (Canceled)

32. (Previously Presented) The apparatus of claim 13, wherein the means for detecting a direction in which the keyboard assembly is deployed comprises a first Hall effect sensor positioned in the display and a magnet positioned in the keyboard assembly adjacent to a first key arrangement corresponding to the first operational mode, and wherein the means for detecting a change in the direction in which the keyboard assembly is deployed comprises the magnet and a second Hall effect sensor positioned in the keyboard assembly adjacent to a second key arrangement corresponding to the second operation mode.

33. (Canceled)

34. (Previously Presented) The at least one processor of claim 14, wherein the device further comprises a first Hall effect sensor positioned in the display and a magnet positioned in the keyboard assembly adjacent to a first key arrangement corresponding to the first operational mode, and a second Hall effect sensor positioned in the keyboard assembly adjacent to a second key arrangement corresponding to the second operation mode, wherein the first Hall effect sensor and the second Hall effect sensor are operable to respectively generate a signal indicating deployment of the keyboard assembly in the first direction and the second direction based on sliding movement relative to the magnet, wherein the means for detecting a direction in which the keyboard assembly is deployed and the means for detecting a change in the direction in which the keyboard assembly is deployed are operable to receive a respective signal.

35. (Canceled)

36. (Previously Presented) The apparatus of claim 1, wherein the electrical connections comprises a flexible circuit material.

37. (Previously Presented) The apparatus of claim 1, wherein the display is operable for presenting the information in a first orientation or a second orientation, wherein the first key arrangement corresponds to a first operational mode and wherein the second key arrangement corresponds to a second operational mode, wherein the device is operable to generate a prompt to switch between an operating one and a non-operating one of the first operational mode and the second operational mode in response to a received communication corresponding to the non-operating one of the first operational mode and the second operational mode.

38. - 39. (Canceled)

40. (Previously Presented) The method of claim 8, wherein the device further defines an overlap area between the display and the keyboard assembly, wherein the overlap area is common to deployment in both the first operational mode and the second operational mode, wherein the first operational mode corresponds to a first key arrangement of the keyboard assembly, wherein the second operational mode corresponds to a second key arrangement of the keyboard assembly, and further comprising electrically connecting the display and both the first key arrangement and the second key arrangement through the overlap area.

41. - 43. (Canceled)

44. (Previously Presented) The apparatus of claim 13, wherein the device further defines an overlap area between the display and the keyboard assembly, wherein the overlap area is common to deployment in both the first operational mode and the second operational mode, wherein the first operational mode corresponds to a first key arrangement of the keyboard assembly, wherein the second operational mode corresponds to a second key arrangement of the keyboard assembly, and further comprising means for electrically connecting the display and both the first key arrangement and the second key arrangement through the overlap area.

45. (Canceled)

46. (Previously Presented) The processor of claim 14, wherein the device further defines an overlap area between the display and the keyboard assembly, wherein the overlap area is common to deployment in both the first operational mode and the second operational mode, wherein the first operational mode corresponds to a first key arrangement of the keyboard assembly, wherein the second operational mode corresponds to a second key arrangement of the keyboard assembly, and further comprising means for electrically connecting the display and both the first key arrangement and the second key arrangement through the overlap area.

47. (Canceled)

48. (New) The apparatus of claim 1, wherein the apparatus comprises a first end and an opposing second end, and a first side and an opposing second side, wherein the first connector is attached to the first keyboard top surface near the first end, wherein the first key arrangement is positioned on the first keyboard top surface near the second end, wherein the second connector is attached to the second keyboard top surface near the first side, and wherein the second key arrangement is positioned on the second keyboard top surface near the second side.

49. (New) The apparatus of claim 1, further comprising:

wherein the apparatus comprises a first end and an opposing second end, and a first side and an opposing second side;

wherein the first carrier is fixed to the first keyboard top surface near the first end, and wherein the first key arrangement is positioned on the first keyboard top surface near the second end;

wherein the first track is fixed to the housing bottom surface and extends in the first direction;

wherein the second carrier is fixed to the second keyboard top surface near the first side, and wherein the second key arrangement is positioned on the second keyboard top surface near the second side; and

wherein the second track is fixed to the first keyboard bottom surface and extends in the second direction.



50. (New) The apparatus of claim 1, wherein the first key arrangement comprises numerical keys and the second key arrangement comprises alphabetic keys rotated for viewing 90 degrees from the numerical keys, further comprising an operating application using the numerical keys during deployment of the keyboard assembly in the first direction, wherein the operating application commands that information presented on the display is rotated for viewing 90 degrees from the numerical keys.